

Converting Colors

Hex(813CC3)

Have a look what the booklet for
Hex(813CC3) contains.

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Color

Hex(813CC3)

Conversions

Conversions Part 1

Format	Color
Hex	813CC3
RGB	129, 60, 195
RGB Percent	51%, 24%, 76%
CMY	0.4941, 0.7647, 0.2353
CMYK	0.34, 0.69, 0.00, 0.24
HSL	271°, 53%, 50%
HSV	271°, 69%, 76%
XYZ	20.5194, 11.8390, 52.8334
YIQ	96.0210, -2.2110, 56.6130

Conversions

Conversions Part 2

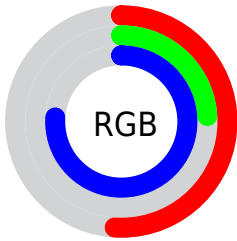
Format	Color
R_{YB}	129, 60, 195
Decimal	8469699
CIE _{Lab}	40.96, 54.43, -58.96
CIE _{LCh}	41, 80.243, 312.717
Yxy	11.8390, 0.2409, 0.1390
Android (android.graphics.Color)	4286659779 (0xFF813CC3)
YUV	96.0210, 48.7966, 28.9226
Hunter-Lab	34.4078, 46.2366, -66.9547

Details

The Hex color **813CC3** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **7EC33C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BA70FC**, and **48008C** is the 20% darker color. If you saturate the color by 10%, you get **7729C3**, and if you desaturate by 10%, it is **8B50C3**.

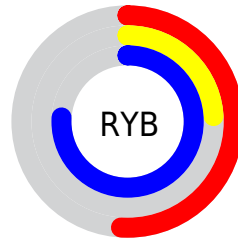
Distribution



Red (51%)

Green (24%)

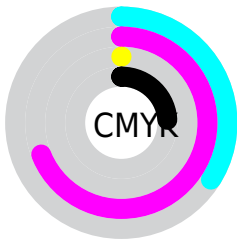
Blue (76%)



Red (51%)

Yellow (24%)

Blue (76%)

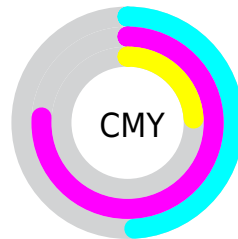


Cyan (34%)

Magenta (69%)

Yellow (0%)

Black (24%)



Cyan (49%)

Magenta (76%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813CC3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 813CC3 by changing the saturation by 10% instead.

813CC3

813CC3

FFFFFF

6521A7

BA70FC

48008C

D78BFF

2A0072

F5A7FF

0A0059

FFC3FF

000040

FFDFFF

000329

FFFCFF

000113

000000

813CC3

813CC3

7729C3

8B50C3

6E15C3

9463C3

6402C3

9E77C3

6400C3

A78AC3

B19EC3

BAB1C3

C4C5C3

CDD8C3

D7ECC3

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0061E4



813CC3



BF0089

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



813CC3



954F00



007B7C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



813CC3



7EC33C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007836



813CC3



5D6700

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



813CC3



BD2000



007300



007ABA

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



813CC3



CD005E



007300



007A65

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



813CC3



E3C7FC



3C80C3



706080



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



813CC3



962BFC



C33CC3



5C5761



5200A1



110021

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C33C7E



FC2B91



3CC33C



61575C



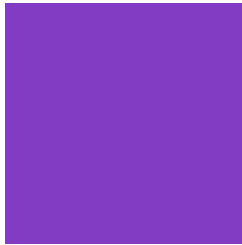
A1004F



210010

Previews

White Background



This preview shows how the Hex color 813CC3 looks on a white background.

Color Contrast Check

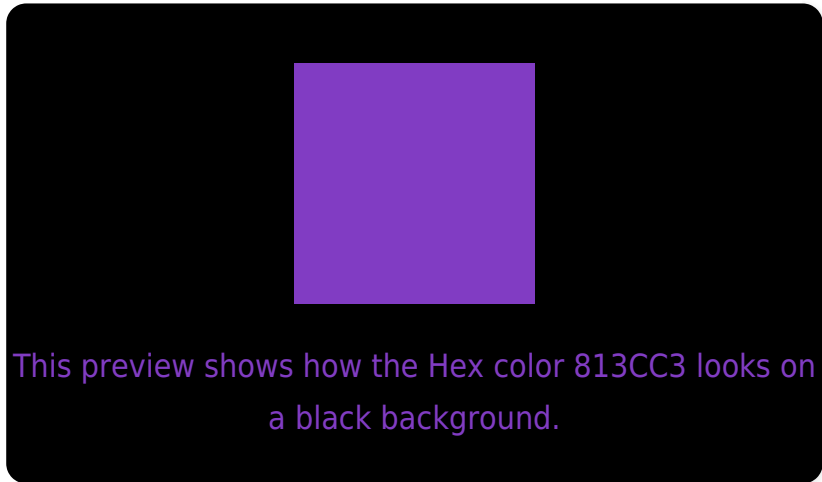
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

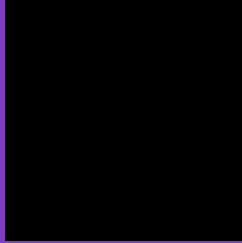
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 813CC3 Background



This preview shows how black text looks on a background with the Hex color 813CC3.

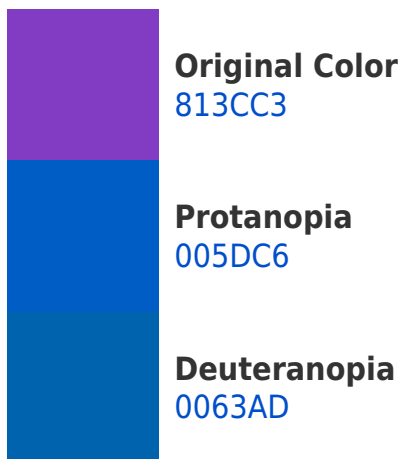



This preview shows how white text looks on a background with the Hex color 813CC3.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

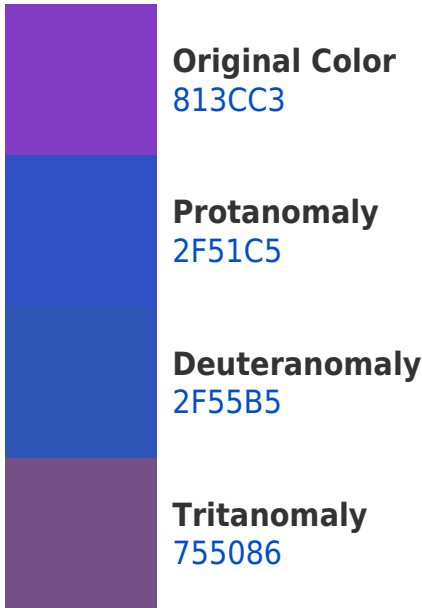
Dichromacy



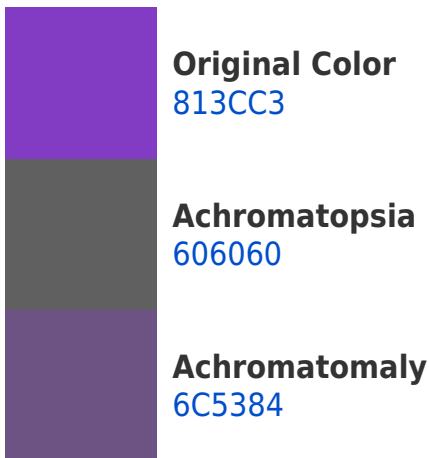


Tritanopia
6E5C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 813CC3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #813CC3 looks like.

```
.text, #text, p{  
    color:#813CC3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #813CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813CC3 }  
}
```

Border

The CSS property to change the border of an element to Hex 813CC3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #813CC3 }  
}
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#813CC3 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #813CC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813CC3; -webkit-box-shadow:4px 4px  
4px 4px #813CC3; box-shadow:4px 4px 4px  
4px #813CC3 }
```

Background

The CSS property to change the background color of an element to Hex 813CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813CC3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#813CC3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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